EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

First & Final Bill.

JOB CODE: 011-17-000030

M. A. R. 57 (Rule 116)
Measurement Book

No. B

H/C: P1771.

Est. Amount: 20.00 L 357608

ial No. .....

me of Work ... Improvements to Roads and drains at Canarabank layout From ... To ...
5th main 5th ward no: 9. Sri. T.N. Umashankar

me of Contractor or nature of Agency ... BBMP/EE/BTP/W2/90/2017-18, Dt: 28.06.2017.

te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
1)	Excavation for road drains and similar works by manual means in ordinary soil involving an average horizontal Throw upto 2.0m and an average lift upto 0.5m Excavated Surface leveled and sides neatly dressed the disposed Earth to be leveled neatly after breaking of clods complete as per Specifications.						
	∴ This Qty is recorded in premeasurements in this MB Vide page nos 357676 to 678½ as 352.15 cu.m						
	∴ This Qty is limitted to as per schedule 'B' Qty as						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	328.83 cu.m @ Rate Rs 199.00/cu.m						65437-
②	Removing B.S. slab of drain and stacking This Qty is recorded in Pre measurements in This MB, Vide page no: 357678/2 to 357679. as 581.31 sq.mt						
	∴ This Qty is limited to as per schedule 'B' Qty as 567.00 sq.mt @ Rate ₹ 65.00/sq.mt						36855-
③	Refixing stone slabs of drains and pointing in cm (1:3).						

ial No. .....
ne of Work .....
ne of Contractor of nature of Agency
e of commencement of work .....

te	Full description, etc, of work
	2
	This Qty i… in This MB, … @ Rate ₹ 8…
④	providing an… of mix 1:4:8 … size graded g… and fine agg… mixed laid in…

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(12)	Providing and laying bituminous concrete 40 mm Thick with hot mix plant Using crushed aggregates of Specif grading premixed with bituminous binder and filler transporting the hot mix to work site. laying with a paver finisher to the required grade Level and alignmen rolling with smooth wheeled Vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification Clause No 500.9 complete in all respect complete as per specifications. Using 40/60 ~~HP~~ TPH Capacity H.M.P. with Mechanical paver Gr-II (30 mm to 45 mm) with 6% VG-30 Bitumen.						

M.

ial No. .....

me of Work .....

me of Contractor of nature of Agency .....

te of commencement of work .....

ate	Full description, etc, of work	Nur
	2	
	∴ The total Qty ... as per Measurement ... 25/1/2017	
	∴ This Qty is ... @ Rate ₹ ...	

T BOOK

Dimensions Breadth 5	Dimensions Depth 6	Contents 7	Reference to last Measurement 8
nous concrete 40 mm Thick			
hed aggregates of Specifi			
minous binder and filler			
ork Site laying with a			
grade Level and alignmen			
Vibratory and tandem			
d compaction as per MoRTH			
0.9 complete in all respect			
rs. Using 40/60 ~~PP~~ TPH			
al paver Gr-II (30 mm to 45 mm			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357617

ial No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

Site	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	∴ The total Qty of BC = 25×12 = 300 sqm = 3310.48 × 0.04 = 132.42 cu.m ∴ This Qty is limited to as per Schedule 'B' Qty as 132.18 cu.m @ Rate ₹ ~~7270~~ 960949.00 /cu.m.					Total Qty of Tack coat/Primer coat recorded in this MB vide page no: 357613 to 616 as 3310.48 sq.mt } X Av. Thickness in m This is detailed surface measurement recorded in Page	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measuremen
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ABSTRACT						
Sl No	Particulars	Unit	From	To	Qty	Rate	Amount in
1)	Earth work Excavation	cu.m	357608	08½	328.83	199.00	65438.00
2)	Removing BS slabs	sq.mt	357608	½ –	567.0	65.00	36855.00
3)	Refixing BS slabs	sq.mt	357608	½ 09	567	80.00	45360.00
4)	PCC 1:4:8	cu.m	357609	09½	4.20	5159.00 5132.0	21668- 21555.00
5)	SSM (Basement)	cu.m	357609	½-10	17.28	5305.0	91670.00
6)	pointing	sq.mt	357610	½ –	14.40	104.00	1498.00
7)	PCC 1:2:4.	cu.m	357611	-611½	7.68	5767.0	44291.00

rial No. .....
me of Work .....
me of Contractor of nature of Agency
te of commencement of work .....

ate	Full description, etc, of work
	2
8)	Precast slab 250 Thick
9)	Scarifying
10)	Wet mix
11)	primer / tack coat
12)	BC

AE

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Reference to last Measuremen 8
To	Qty	Rate	Amount in
08½	328.83	199.00	65438.00
–	567.0	65.00	36855.00
09	567	80.00	45360.00
		5159.00	21668-
09½	4.20	5132.0	21555.00
-10	17.28	5305.0	91670.00
–	14.40	104.00	1498.00
611/2	7.68	5767.0	44291.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 357618

al No. .....
ne of Work ..... From..... To.....
ne of Contractor of nature of Agency .....
e of commencement of work .....

te	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
3)	Precast Slab 250mm Thick	Sq.mt	257611/2	–	2870	5125.0	147088.00
9)	Scarifying	Sq.mt	357612	–	1241.2	26.00	32272.00
10)	Wet mix	Cu.m	357612/2	613	248.24	1768.0	438889.00
1)	Primer/tack coat	Sq.mt	357613	-357616	3304.5	26.50	87570.00
2)	BC	Sq.m	357616/2	617	132.18	7270.0	960949.00
						Total:	1973436.00

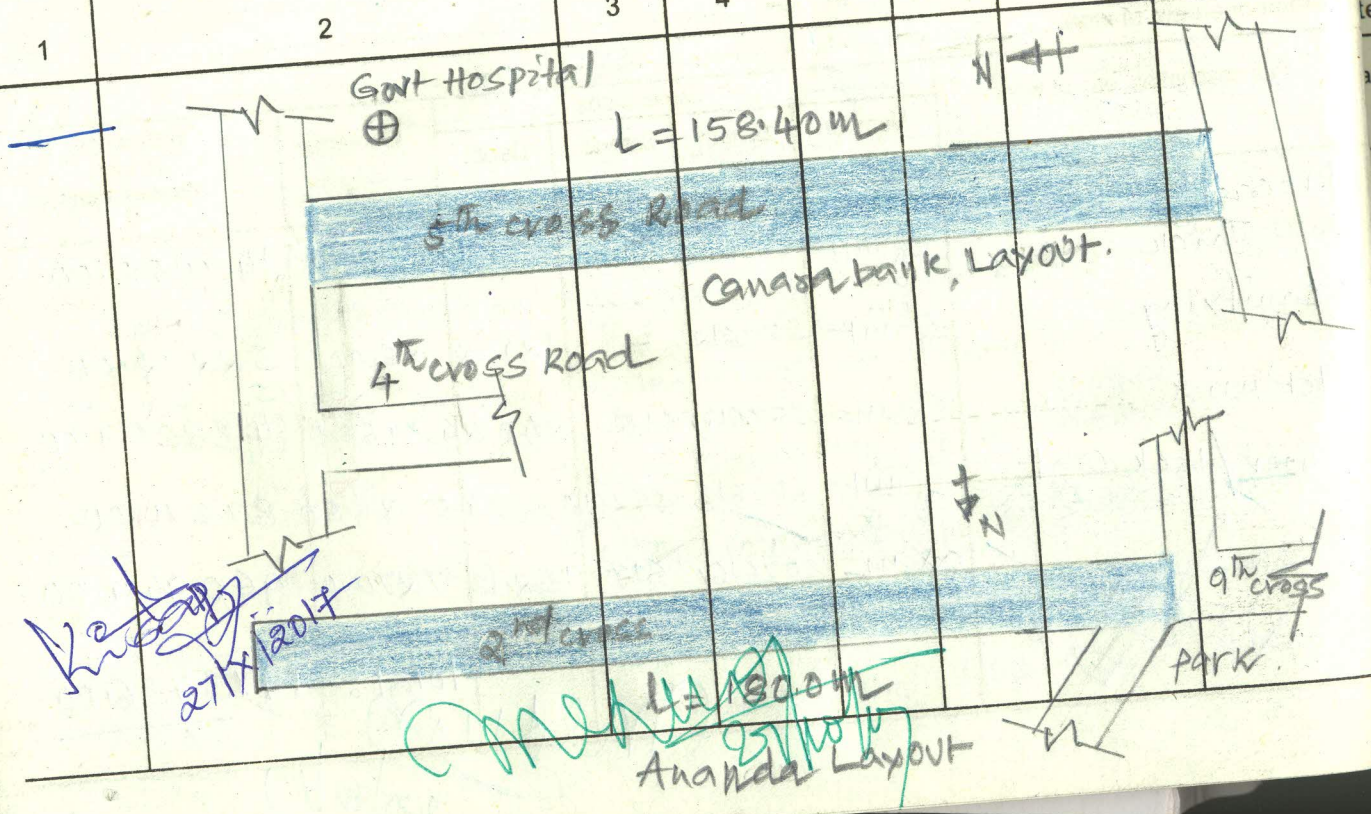
AE 21.10.2017

Medium 27/10/17

Vide S.No. 1.1.5

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

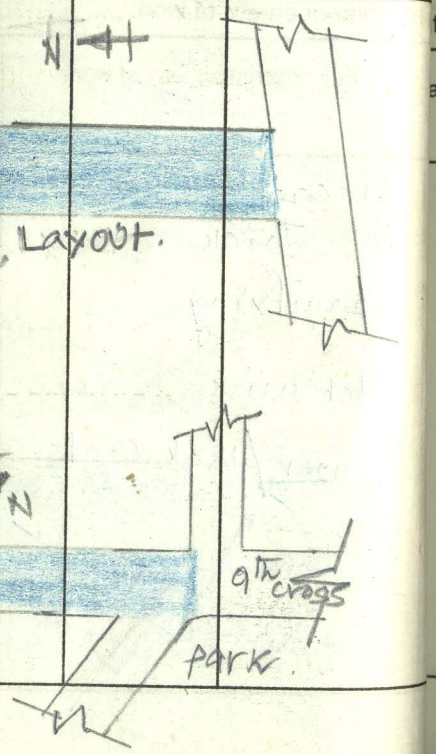


ial No. ..... Improvements
me of Work ..... in ward no: 9,
me of Contractor of nature of Agency
te of commencement of work .....

ate	Full description, etc, of work
	2

REMENT BOOK

Dimensions			Contents	Reference to last Measuremer
Length 4	Breadth 5	Depth 6	7	8
= 158.40m				
Canara bank, Layout.				
180.00m				
25/10/17				
nda Layout				



M. A. R. 57 (Rule 116)
Measurement Book

No. B 357619

rial No. ..... Improvements to Roads and drains at Canara bank layout 5th Main
me of Work ..~~Inward no:9~~ ..... From ..... To .....
me of Contractor of nature of Agency ..... Sri. T.N. Umashankar.
te of commencement of work ..... BBMP/EE/BTP/90/2017-18, Dt: 28.06.2017.

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
							* Not to scale
	1st Main Road					Accepted all measurements with full & final settlement.	
	*Sonnappa Layout						
	2nd main Road						
	L = 145.00 m						
	27/X/2017						
							25/10/17

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Total Rs 1973436-00						
	IV. IT - 19734-00						
	IV. CGST - 19734-00						
	IV. SGST - 19734-00						
	IV. CESS - 19734-00						
	CBF - 1973-00						
	LR - 17564-00						
	Fine - 2000-00						
	Addu - 100473-00						
	Cheque - 18,72,963-00						

(1) ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1973436-00

(2) ಗಳಿಗೆ ಪಾವ್ತಿ ಮಾಡಿದ : ಇದರಲ್ಲಿ ರೂ. 100473-00

ಪಾವತಿ ಮಾಡಬೇಕಾದ ಬಿಲ್ಲಿನ ಮೊಬಲಗು ರೂ. 18,72,963-00

Rs: Eighteen Lakh seventy two thousand nine hundred Sixty three only

ಈ ಮೊತ್ತಕ್ಕೆ ನೀಡಬಹುದಾಗಿದೆ

for Chairman

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 20/11

20/11

ಸಹಾಯಕ ಇಂಜಿನಿಯರ್

ಕಾರ್ಯ ಪಾಲಕ ಇಂಜಿನಿಯರ್

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಇಂಜಿನಿಯರ್